

101. 101010110001001000110100010101101
102. 101010110001001000110100010101110
103. 101010110001001000110100010101100
104. 101010110001001000110100010101000
105. 101010110001001000110100010110000
106. 101010110001001000110100010100000
107. 101010110001001000110100011000000
108. 101010110001001000110100010000000
109. 101010110001001000110100100000000
110. 101010110001001000110101000000000
111. 101010110001001000110110000000000
112. 101010110001001000110100000000000
113. 101010110001001000111000000000000
114. 101010110001001000110000000000000
115. 101010110001001000100000000000000
116. 101010110001001001000000000000000
117. 101010110001001010000000000000000
118. 101010110001001100000000000000000
119. 101010110001001000000000000000000
120. 101010110001010000000000000000000
121. 101010110001100000000000000000000
122. 101010110001000000000000000000000
123. 101010110010000000000000000000000
124. 101010110100000000000000000000000
125. 101010111000000000000000000000000
126. 101010110000000000000000000000000
127. 101010100000000000000000000000000
128. 101011000000000000000000000000000
129. 101010000000000000000000000000000
130. 101100000000000000000000000000000
131. 101000000000000000000000000000000
132. 110000000000000000000000000000000

Figure 1 (Prior Art)

Figure 2

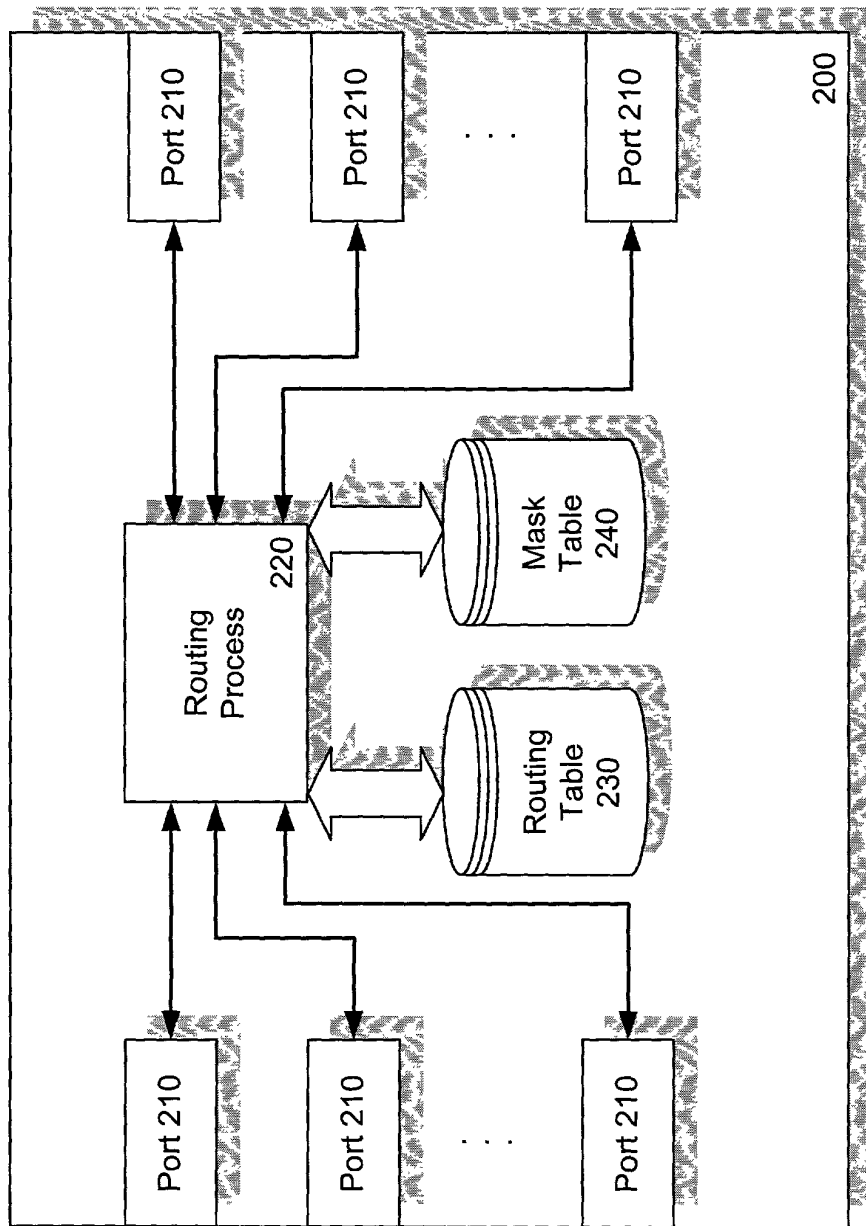


Figure 2

Routing
Table
300

Address 310		Payload 320
<div> <div>331</div> <div>⋮</div> <div>332</div> </div>		⋮
330	000010110000000100000010100000000	Payload
<div> <div>341</div> <div>342</div> <div>⋮</div> </div>		⋮
340	000010111000000000000000000000000	Payload
<div> <div>351</div> <div>⋮</div> <div>352</div> </div>		⋮
350	000010110000000110000000000000000	Payload

Figure 3

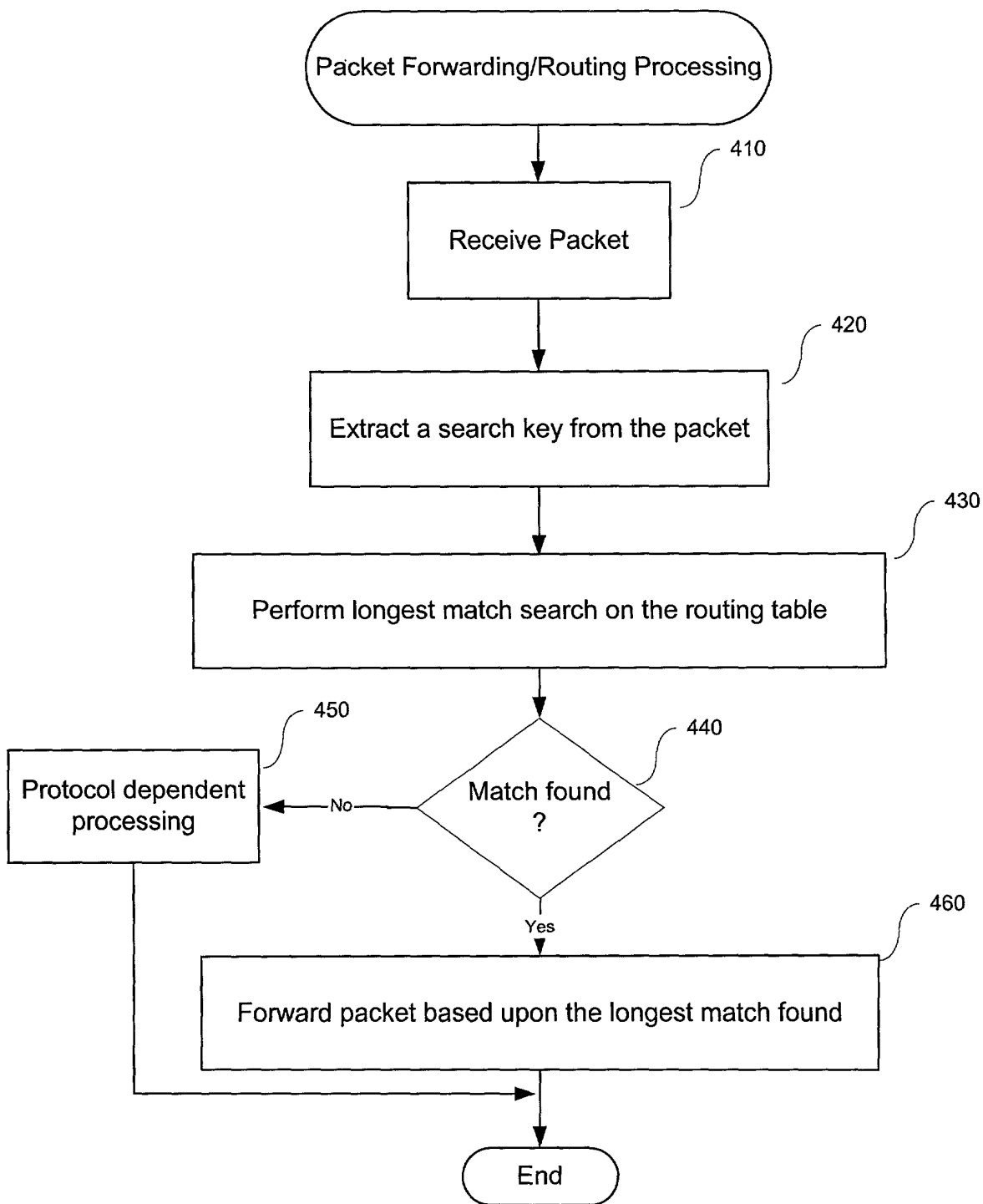


Figure 4

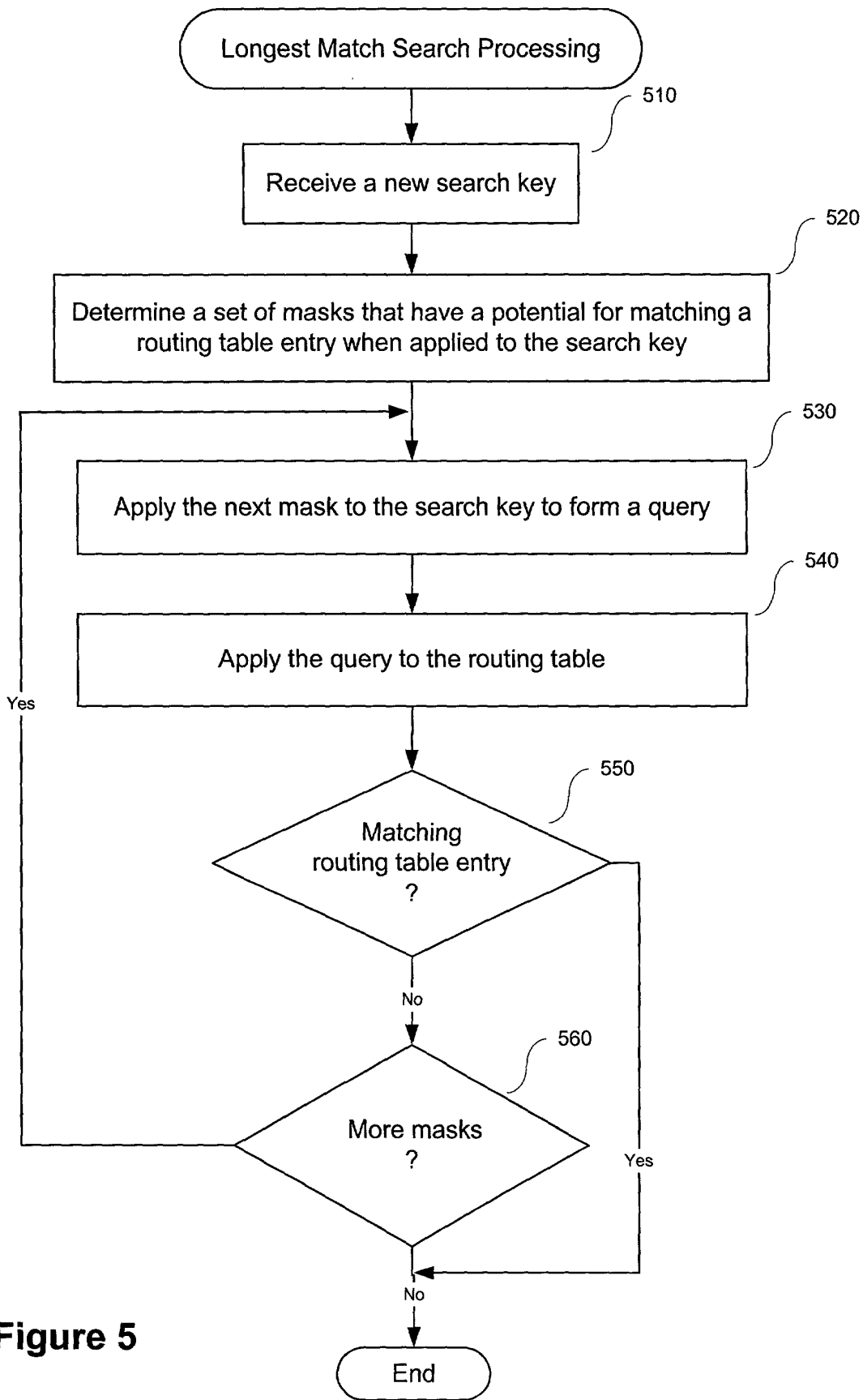


Figure 5

Routing Table 600

Address 610	Payload 620
⋮	⋮
AB.CD.EF.00/24	⋮
⋮	⋮
AB.CD.EF.80/25	⋮
⋮	⋮
AB.CD.EF.82/32	⋮
⋮	⋮
01.23.45.00/24	⋮
⋮	⋮
AB.00.00.00/8	⋮
⋮	⋮

Mask Table 650

Index 660	Encoded Mask Vector 670
⋮	⋮
ABCD	01000181
⋮	⋮
0123	00000100
⋮	⋮
AB00	01000000
AB01	01000000
AB02	01000000
⋮	⋮
ABFF	01000000
⋮	⋮

Figure 6

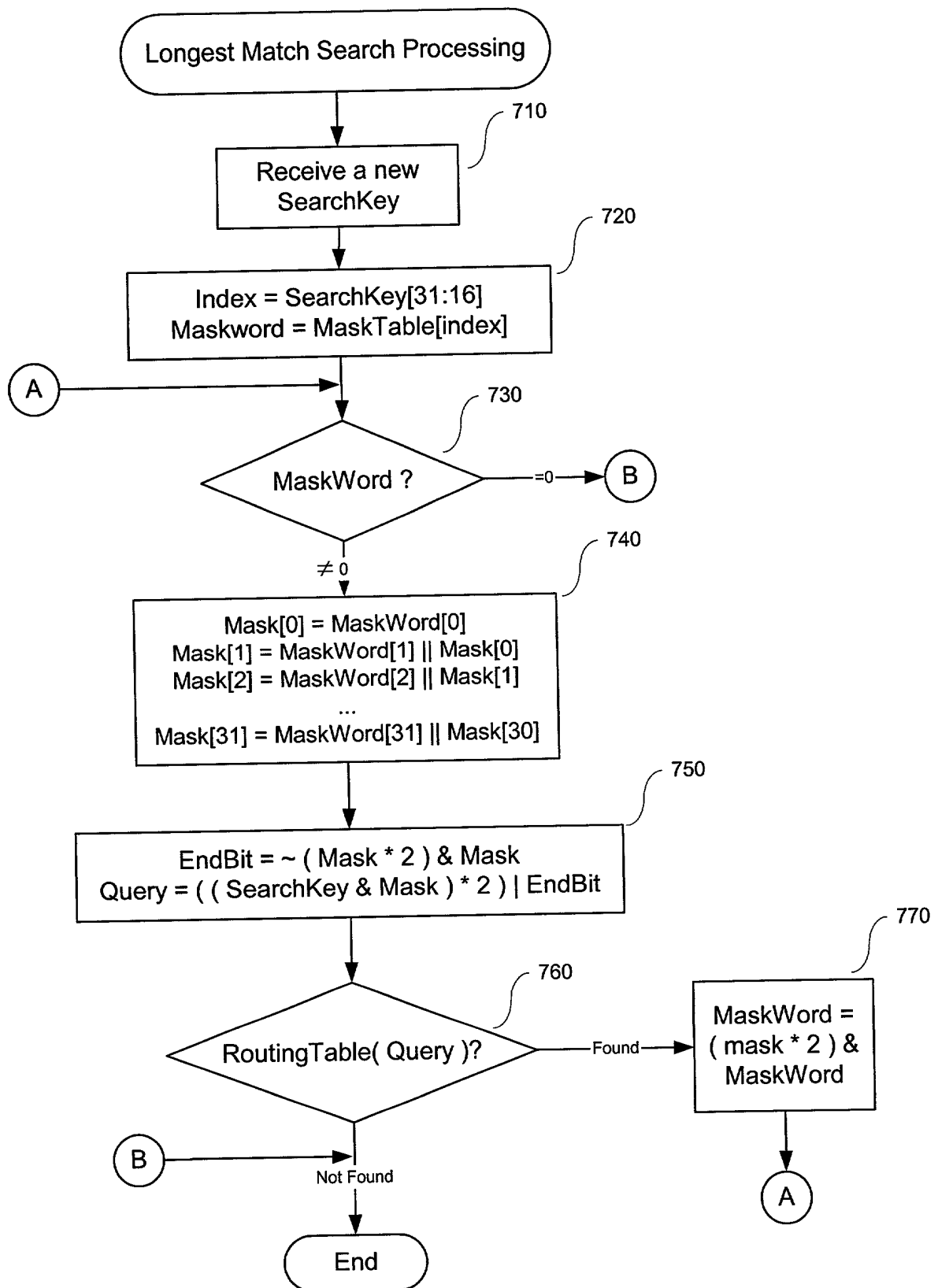


Figure 7

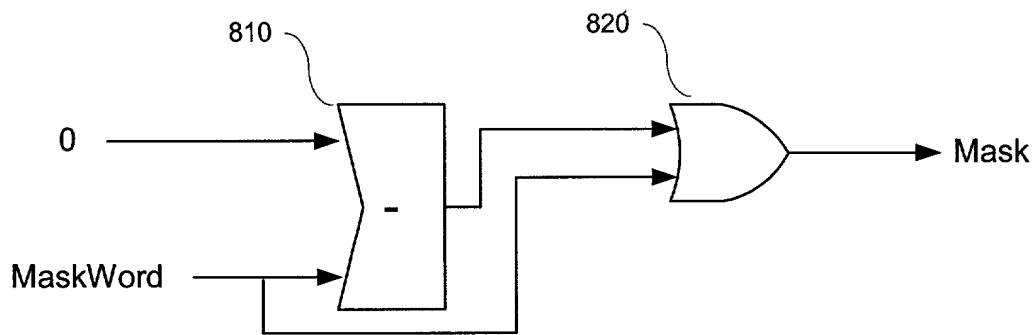


Figure 8

<div>910</div> <div>920</div> <div>930</div>	MaskWord	0001000100010000
	0 - MaskWord	1110111011110000
	Mask	1111111111110000

Figure 9

<div>910</div> <div>930</div>	MaskWord	0001000100010000
	Mask	1111111111110000
1010	Mask * 2	11111111111100000
1020	New MaskWord	0001000100000000

Figure 10